

### REMARKS

Claims 1-22 are pending in this application. Claims 1, 7, 12 and 18 are the only independent claims. Claims 1, 7, 12 and 18 have been amended to more completely claim the subject matter of the present invention. Claims 8 and 17 have been canceled. Applicant submits that no new matter has been added by this response.

Claims 1-7, 9-16 and 18-22 were rejected under 35 U.S.C. § 102(b) as being anticipated by U.S. Patent Publication No. US 2005/0036552, to Takahashi et al. (hereinafter as "Takahashi"). Applicant respectfully traverses these rejections, and requests reconsideration and allowance of these claims in view of the following arguments.

### PRIORITY

Paragraph [0001] of the Specification has been amended to correct Applicant's claim of Foreign Priority under 35 U.S.C. § 119(a). The corrections are Korean Patent Application 10-2003-0035724, filed on June 3, 2003. Applicant respectfully requests the submission of the amendments, and that the Examiner acknowledges receipt of "ALL" priority documents.

### ALLOWABLE SUBJECT MATTER

Applicant note with appreciation, the Examiner's indication that claims 8 and 17 would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Accordingly, claim 8 has been canceled and the limitations therein have been amended into independent claim 7. Applicant believes claim 7 is in a condition of

allowance. Claim 17 has been canceled and the limitations therein have been amended into independent claim 12. Applicant believes claim 12 is in a condition of allowance.

Rejections under 35 U.S.C. § 102

Claims 1-7, 9-16 and 18-22 were rejected under 35 U.S.C. § 102(b) as being anticipated by Takahashi.

Claims 7 and 12 have been amended to include allowable subject matter of canceled claims 8 and 17, respectively. Therefore, as previously submitted, Applicant respectfully submits that claims 7 and 12 are in a condition of allowance, and are patentable over Takahashi. Accordingly, dependent claims 9-11, and 13-16 are allowable at least by virtue of their respective dependence from independent claims 7 and 12.

Independent claim 1 is directed to a motion vector and macroblock type determining method. Independent claim 1 has been amended herein to include limitations similar to canceled claim 17, reciting “wherein allocating the motion vector comprises: allocating an infinite motion vector to a macroblock of the frame N when the macroblock of the skipped frame N-1 is an intra type; allocating a motion vector of the macroblock of the frame N when the macroblock of the skipped frame N-1 is a skipped type; and allocating approximately a sum total of a motion vector allocated to the macroblock of the frame N and a motion vector allocated to the macroblock of the frame N-1 as a new motion vector for the macroblock of the frame N when the macroblock of the skipped frame N-1 is an inter type.”

Applicant respectfully submits that Takahashi fails to teach the above-mentioned limitations of canceled claim 17, which the Examiner identified as allowable subject matter. Independent claim 18 also recites allowable limitations similar to canceled claim 17. Therefore, Applicant respectfully submits that independent claims 1 and 18 are patentable over Takahashi with regard to the identified limitations. Accordingly, Applicant believes that dependent claims 2-6 and 19-22 are patentable at least by virtue of their respective dependence from independent claims 1 and 18.

#### Conclusion

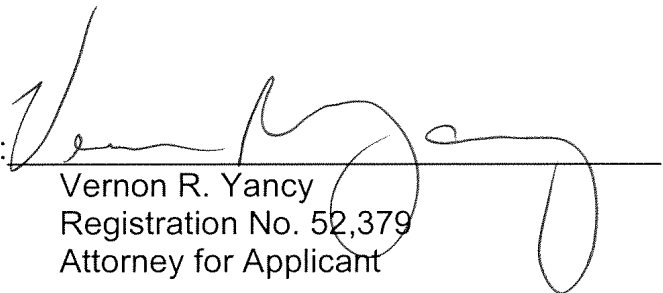
In view of the foregoing, it is respectfully submitted that the application and the claims are in condition for reconsideration on the merits, thus reexamination of the application is requested. The Examiner is invited to call the undersigned attorney at (213) 623-2221 should the Examiner believe a telephone interview would advance the prosecution of the application.

Respectfully submitted,

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